

Head Start Child Development and Early Learning Framework Science Knowledge and Skills

[music]

CHILD: What do you think's going to happen if we put more green inside?

NARRATOR: The two elements of the science knowledge and skills domain are: scientific skills and method, and conceptual knowledge of the natural and physical world. Children's innate curiosity makes them natural scientists. When children observe and gather information and then use it to ask their own questions, make predictions, and develop theories, they are using scientific skills and method. They use tools and technology and their own senses to investigate how things work and how things are related. They learn from maps, charts, and drawings. They make comparisons and discuss their results. Is it the same?

TEACHER: Does it look different?

NARRATOR: Facts about the natural world and how it works can be fascinating to children. They learn to observe and then describe living things, like butterflies or baby snails. And they learn about substances that transform from one thing to another, like ice into water. Science knowledge and skills encourage children's curiosity, inquiry, and investigation of the natural and physical world.